Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Tuesday 02 Feb 2021 until 23:59 on Wednesday 03 Feb 2021

Forecast Issued on Monday 01 Feb 2021 at 13:58

Confidence: High confidence in the forecast for the Tuesday and Wednesday although rainfall amounts may vary on the hills however lowering confidence from Thursday, please continue to follow for updates.

Headline for Tuesday 02 Feb 2021: Heavy and persistent sleet and rain, fresh winds on the tops, drier for a time in the afternoon.

Mountain weather hazards on Tuesday 02 Feb 2021

Blizzards
Low Likelihood

Heavy Snow
Medium Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Dull	Light snow	Sleet	Sleet	Light rain	Cloudy	Heavy Rain	Light rain showers (night)
Precipitation probability							
20%	40%	80%	80%	60%	60%	60%	40%

Forecast for Tuesday 02 Feb 2021

Weather: Although it will be dry in the early hours a band of rain, sleet and snow will move east across the Peak District in the morning. This will fall as snow above 400m but turning increasingly to rain and sleet at lower level during the afternoon as freezing level rises. Strong winds will accompany this and with a significant wind chill it will be quite difficult walking and navigation conditions. Rain and sleet clearing east in the afternoon with some drier and brighter spells expected but further light rain or sleet is expected during the evening.

Chance of cloud free mountain/hill tops above 600m: 10% or less, with significant rain, sleet an snow expected for most of the day it is likely that the tops will be covered in cloud from above 300m, there will be a few breaks in the afternoon, chances perhaps increasing to 40% but still some patches of lower cloud at times, lower cloud becoming extensive again later.

Visibility: Visibility will be poor for much of the morning in snow/sleet, during heavier precipitation it will become very poor from time to time. Low cloud will shroud the hills for much of the day with tricky navigation likely. During the afternoon visibility will improve moderate or good for a time with cloud rising to near or above summit level.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
(C) Crown Copyright 2021. All Rights Reserved

Mountain Weather Forecast

Forecast for Tuesday 02 Feb 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	25/36 SE	26/36 SE	26/36 E	22/30 SE	13/18 S	11/16 S	15/22 SE	16/24 S	20/30 SW
300	18/32 SE	21/34 SE	23/36 E	17/28 E	8/13 SE	9/15 SE	12/21 SE	13/22 S	16/25 SW
Valley	10/23 E	13/28 E	16/32 E	12/24 E	7/14 E	6/12 SE	8/19 SE	7/19 S	10/24 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-0/-8	-1/-9	-2/-10	0/-7	2/-2	4/0	3/-1	3/-2	3/-2
300	1/-5	0/-6	0/-6	1/-4	4/0	6/3	6/2	6/3	6/2
Valley	1/-3	1/-4	1/-5	2/-3	4/1	6/4	5/2	6/4	6/3
Freezing Level*	200m	300m	200m	500m	1400m	1300m	1400m	1400m	1300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Stong winds will cause a significant windchill, note the freezing level rising rapidly during the afternoon and evening.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Mon 01 Feb 2021	0mm	0mm	1mm

Forecast for Wednesday 03 Feb 2021

Weather: Further outbreaks of rain and sleet with freezing level likely to be above the summits. Poorest conditions in the west of the Peak District with a few cloud breaks or brighter spells in the east. There will be some dry periods but these will be hard to pinpoint.

Maximum wind: Southeasterly 15-20mph.

Chance of cloud free mountain/hill tops above 600m: 40% there will be periods of low cloud shrouding the tops in outbreaks of rain, sleet and snow but in between times the cloud should lift for periods above the summits.

Visibility: Visibility will be poor or very poor in outbreaks of sleet and snow with cloud becoming extensive over the hills from 400m to the summits, in drier periods cloud will thin and break with just patches from 600m and above.

Temperature: **Valleys:** Plus 1 rising to 6 Celsius.
At 600m: Plus 4 Celsius falling zero Celsius later.
Freezing level: Above the summits

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
(C) Crown Copyright 2021. All Rights Reserved